

<210> 5502
 <211>

<212> PRT
 <213> *Bacillus licheniformis*

<400> 5502
 Met Ser Asp Arg Gln Ala Ala Leu Asp Met Ala Leu Lys Gln Ile Glu
 1 5 10 15
 Lys Gln Phe Gly Lys Gly Ser Ile Met Lys Leu Gly Glu Gln Thr Glu
 20 25 30
 Thr Arg Ile Ser Thr Val Pro Ser Gly Ser Leu Ala Leu Asp Ala Ala
 35 40 45
 Leu Gly Val Gly Gly Tyr Pro Arg Gly Arg Ile Ile Glu Val Tyr Gly
 50 55 60
 Pro Glu Ser Ser Gly Lys Thr Thr Val Ala Leu His Ala Ile Ala Glu
 65 70 75 80
 Val Gln Gln Gln Gly Gly Gln Ala Ala Ala Phe Ile Asp Ala Glu His Ala
 85 90 95
 Leu Asp Pro Val Tyr Ala Gln Lys Leu Gly Val Asn Ile Asp Glu Leu
 100 105 110
 Leu Leu Ser Gln Pro Asp Thr Gly Glu Gln Ala Leu Glu Ile Ala Glu
 115 120 125
 Ala Leu Val Arg Ser Gly Ala Val Asp Ile Val Val Ile Asp Ser Val
 130 135 140
 Ala Ala Leu Val Pro Lys Ala Glu Ile Glu Gly Asp Met Gly Asp Ser
 145 150 155 160
 His Val Gly Leu Gln Ala Arg Leu Met Ser Gln Ala Leu Arg Lys Leu
 165 170 175
 Ser Gly Ala Ile Asn Lys Ser Lys Thr Ile Ala Ile Phe Ile Asn Gln
 180 185 190
 Ile Arg Glu Lys Val Gly Val Met Phe Gly Asn Pro Glu Thr Thr Pro
 195 200 205
 Gly Gly Arg Ala Leu Lys Phe Tyr Ser Ser Val Arg Leu Glu Val Arg
 210 215 220
 Arg Ala Glu Gln Leu Lys Gln Gly Asn Asp Val Met Gly Asn Lys Thr
 225 230 235 240
 Lys Ile Lys Val Val Lys Asn Lys Val Ala Pro Pro Phe Arg Thr Ala
 245 250 255
 Glu Val Asp Ile Met Tyr Gly Glu Gly Ile Ser Lys Glu Gly Glu Ile
 260 265 270
 Ile Asp Leu Gly Thr Glu Leu Asp Ile Val Gln Lys Ser Gly Ala Trp
 275 280 285
 Tyr Ser Tyr Gln Glu Glu Arg Leu Gly Gln Gly Arg Glu Asn Ala Lys
 290 295 300
 Gln Phe Leu Lys Glu Asn Lys Asp Ile Leu Leu Met Ile Gln Glu Gln
 305 310 315 320
 Ile Arg Glu His Tyr Gly Leu Asp Thr Gly Gly Ala Ala Pro Ala Gln
 325 330 335
 Glu Asp Glu Ala Gln Ala Gln Glu Glu Leu Glu Phe
 340 345

Provisional Application 60/535,988 sequence 5502 is identical to SEQ ID NO 6016 of US Application number 10/983,128.